| WESTON SOLUTIONS, INC. | | SOIL BORING LOG | | | |
|---|---|---|---|---|---|
| **Project** | Turkey Brook | **Boring ID** | SB-02 | **Groundwater Levels** | |
| **Location** | Oakville, Connecticut | **Well ID** | NA | **Date** | **Depth** |
| **Date Drilled** | November 20, 2013 | **Drilling Method** | Direct Push | NA | NA |
| **Drilling Company** | U.S. EPA OEME* | **Sampling Method** | 4-ft. Macrocore | | |
| **Operator** | Jerry Keefe/Dan Granz | **Completion Depth** | 6 feet bgs | | |
| **Drill Rig** | Geoprobe | **Surface Elevation** | NA | | |
| **Logged by** | George Mavris - Weston, Superfund Technical Assessment and Response Team (START) | | | | |

| Depth (ft bgs) | Macrocore Number | Recovery (inches) | Soil Description (Burmister System) | PID Screen (ppm)** |
|---|---|---|---|---|
| 1_<br>2_<br>3_<br>4_ | 1 | 30 | 0 - 1" Dark brown, fine SAND and SILT, trace roots (topsoil). Moist.<br>1 - 7" Dark brown, fine SAND, trace fine gravel, roots, and silt. Moist. [Fill].<br>7 - 9" Whitish-gray, coarse GRAVEL (SubA, granitic). Dry. [Fill].<br>9 - 26" Dark brown, fine SAND and SILT. Moist. [Fill].<br>26 - 30"*** Brownish-black, medium SAND, trace fine gravel and silt. | Top = 0<br>Bottom = 0<br>Length = 0 |
| 5_<br>6_<br>7_<br>8_ | 2 | 22 | 0 - 12" Grayish-white, coarse-to-fine GRAVEL (SubA), some medium-to-coarse sand, trace silt. Dry. [Fill].<br>12 - 22" Rusty-brown, medium SAND, little fine-to-coarse gravel (SubA and SubR). Wet. [Fill].<br>**- Refusal at 6 feet bgs -** | Top = 0<br>Bottom = 0<br>Length = 0 |

**Notes:**
bgs = below ground surface
ft = feet
ppm = parts per million
NA = Not Applicable
SubA = subangular
SubR = subrounded
PID = Photoionization Detector

| PROPORTIONS USED (BY DRY WEIGHT) |
|---|
| 0 to 10% = Trace |
| >10 to 20% = Little |
| >20 to 35% = Some |
| >35 to 50% = And |
| > 50% = Major |

* United States Environmental Protection Agency, Office of Environmental Measurement and Evaluation
** MultiRAE Plus Systems multi-gas photoionization detector calibrated to 100 ppm isobutylene, 50 ppm carbon monoxide, 25 ppm hydrogen sulfide, 20.9% oxygen, and 50% methane.
*** Soil sample SB-02 collected from 26 to 30-inch interval from Macrocore No. 1 (0 - 4 feet). PID = 0 ppm.

**Analytical results for Total Petroleum Hydrocarbons (C9 - C36) = 190 milligrams per kilogram (mg/Kg).**